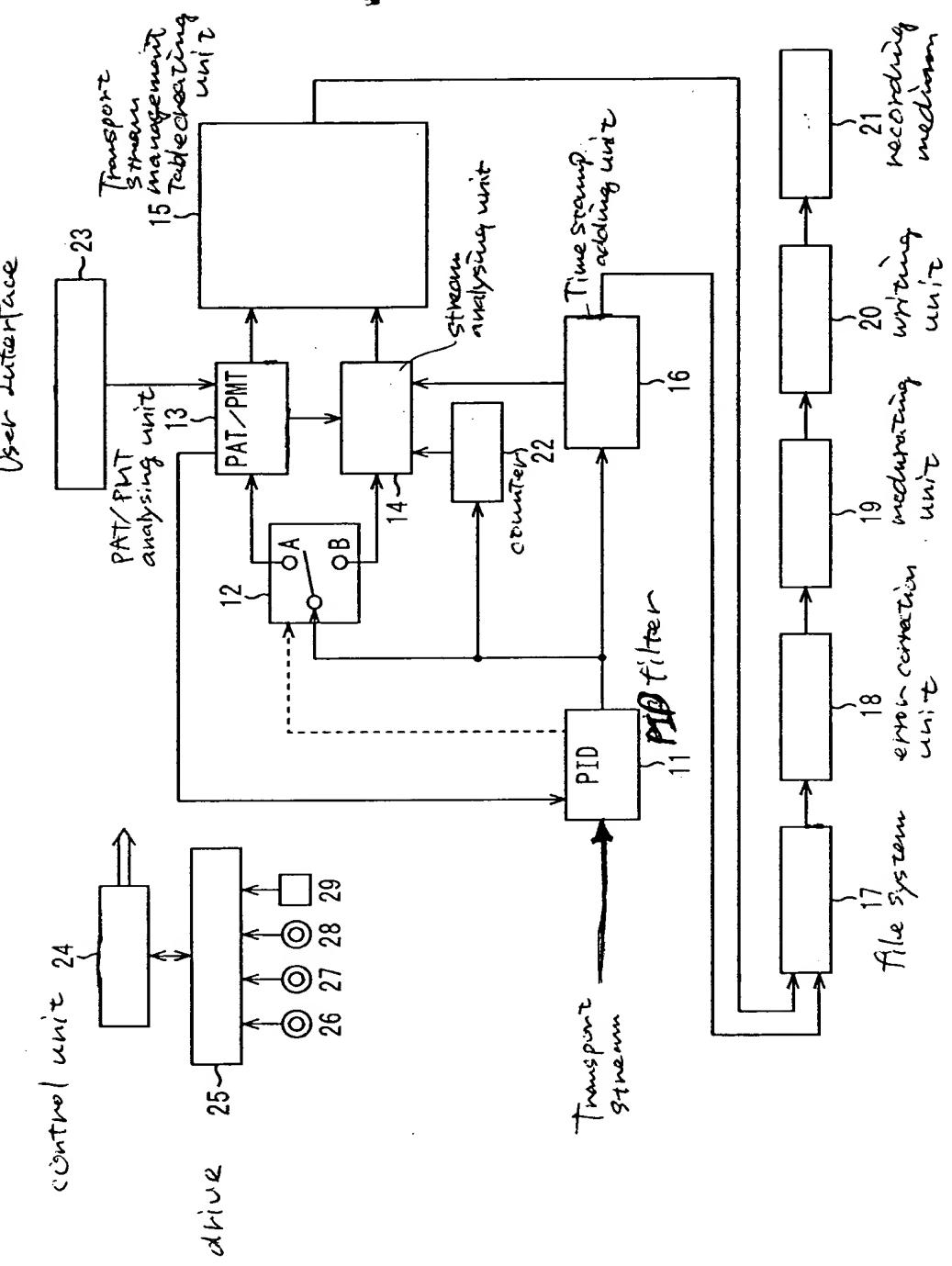


FIG. 1



Syntax	No. of Bits	Mnemonic
transport_packet0 {	8	bslbf
sync_byte	1	bslbf
transport_error_indicator	1	bslbf
payload_unit_start_indicator	1	bslbf
transport_priority	13	uimsbf
PID	2	bslbf
transport_scrambling_control	2	bslbf
adaptation_field_control	4	uimsbf
continuity_counter		
if(adaptation_field_control=='10'		
adaptation_field_control=='11') {		
adaptation_field()		
}		
if(adaptation_field_control=='01' adaptation_field_control=='11')		
{		
for (i=0;i<N;i++) {		
data_byte	8	bslbf
}		
}		
}		

FIG. 2

Syntax	No. of Bits	Mnemonic
adaptation_field0 {	8	unisbf
adaptation_field_length	1	bslbf
if(adaptation_field_length>0) {	1	bslbf
discontinuity_indicator	1	bslbf
random_access_indicator	1	bslbf
elementary_stream_priority_indicator	1	bslbf
PCR_flag	1	bslbf
OPCR_flag	1	bslbf
splicing_point_flag	1	bslbf
transport_private_data_flag	1	bslbf
adaptation_field_extension_flag	33	uimsbf
if(PCR_flag == '1') {	6	bslbf
program_clock_reference_base	9	uimsbf
reserved	9	uimsbf
program_clock_reference_extension		
}		
if(OPCR_flag == '1') {	33	uimsbf
original_program_clock_reference_base	6	bslbf
reserved	9	uimsbf
original_program_clock_reference_extension		
}		
if(splicing_point_flag == '1') {	8	tcimsbf
splice_countdown		
}		
if(transport_private_data_flag == '1') {	8	uimsbf
transport_private_data_length	8	bslbf
for (i=0; i<transport_private_data_length;i++) {		
private_data_byte		
}		
}		
if(adaptation_field_extension_flag == '1') {	8	uimsbf
adaptation_field_extension_length	1	bslbf
Itw_flag	1	bslbf
piecewise_rate_flag	1	bslbf
seamless_splice_flag	1	bslbf
reserved	5	bslbf
if(Itw_flag == '1') {	1	bslbf
Itw_valid_flag	15	uimsbf
Itw_offset		
}		
if(piecewise_rate_flag == '1') {	2	bslbf
reserved	22	uimsbf
piecewise_rate		
}		
if(seamless_splice_flag == '1') {	4	bslbf
splice_type	3	bslbf
DTS_next_AU[32..30]	1	bslbf
marker_bit	15	bslbf
DTS_next_AU[29..15]	1	bslbf
marker_bit	15	bslbf
DTS_next_AU[14..0]	1	bslbf
marker_bit		
}		
for (i=0; i<N; i++) {	8	bslbf
reserved		
}		
for (i=0; i<N; i++) {	8	bslbf
stuffling_byte		
}		

FIG. 3

Transport Packets in Sequence
Time Stamp

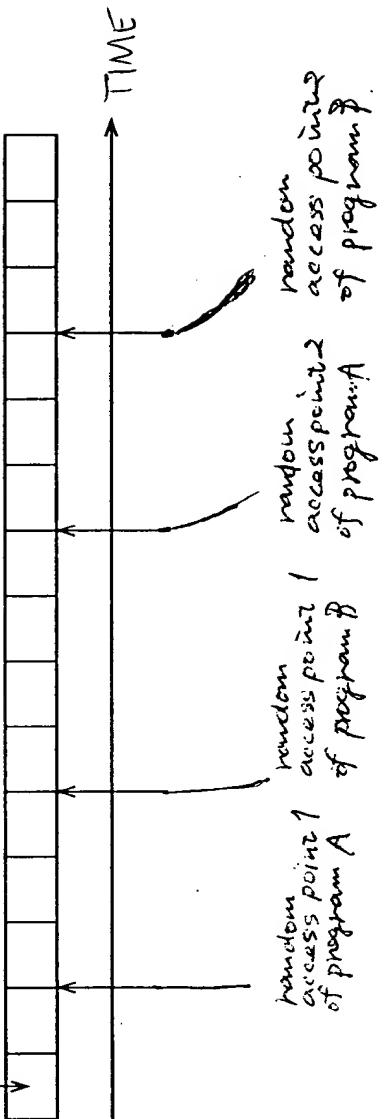


Fig. 4 (A)

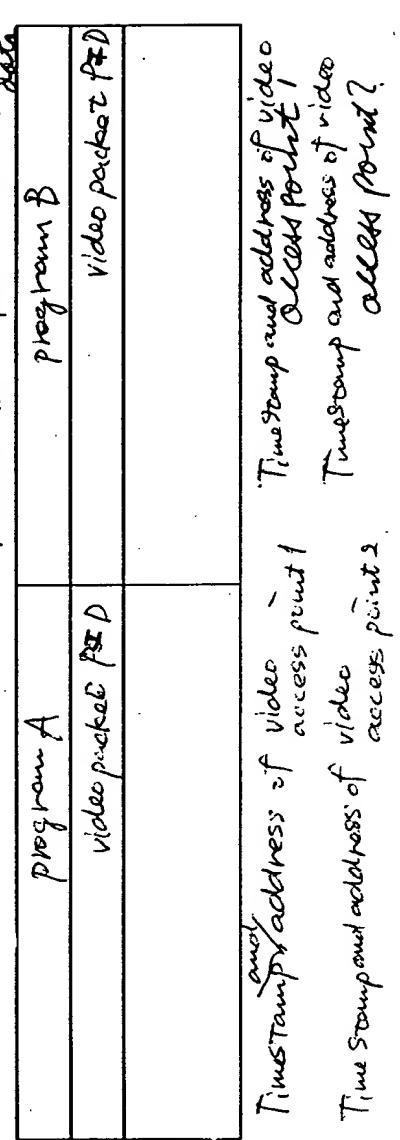


Fig. 4 (B)

Timestamp and address of video access point 1 Timestamp and address of video access point 2
Timestamp and address of video access point 2 Timestamp and address of video access point 1
Timestamp and address of video access point 2 Timestamp and address of video access point 1

access point?

access point of program A
of program B

access point 2
of program A
of program B

random access point list of video

TRANSPORT PACKET
AND TIME STAMP

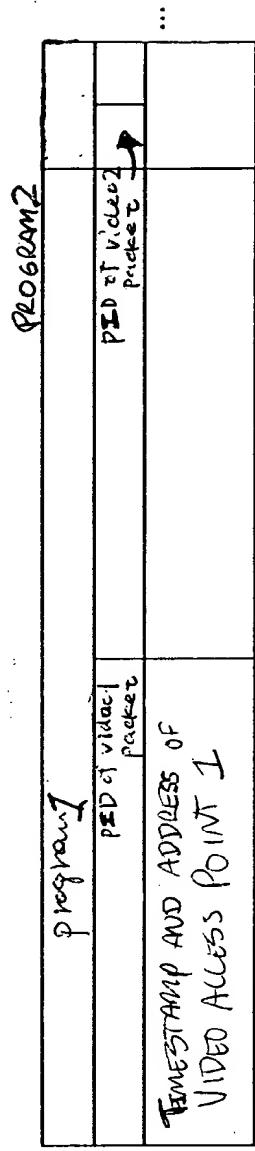
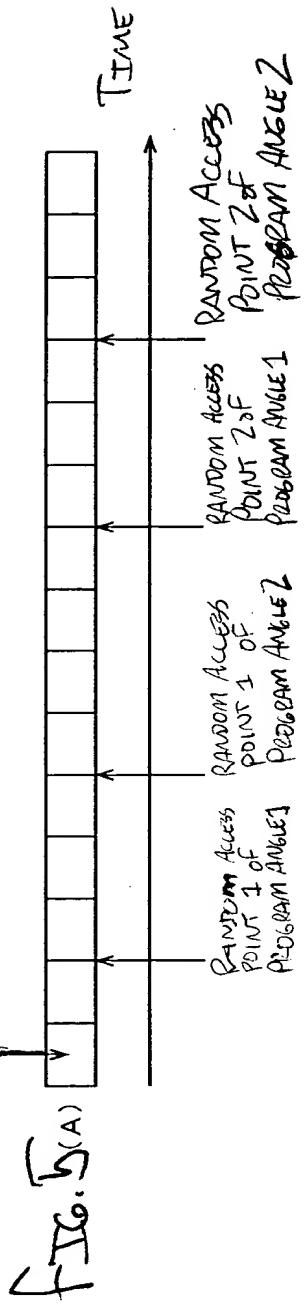


FIG. 5(B)

Transport Stream
management Table file

Transport Stream
management Table file

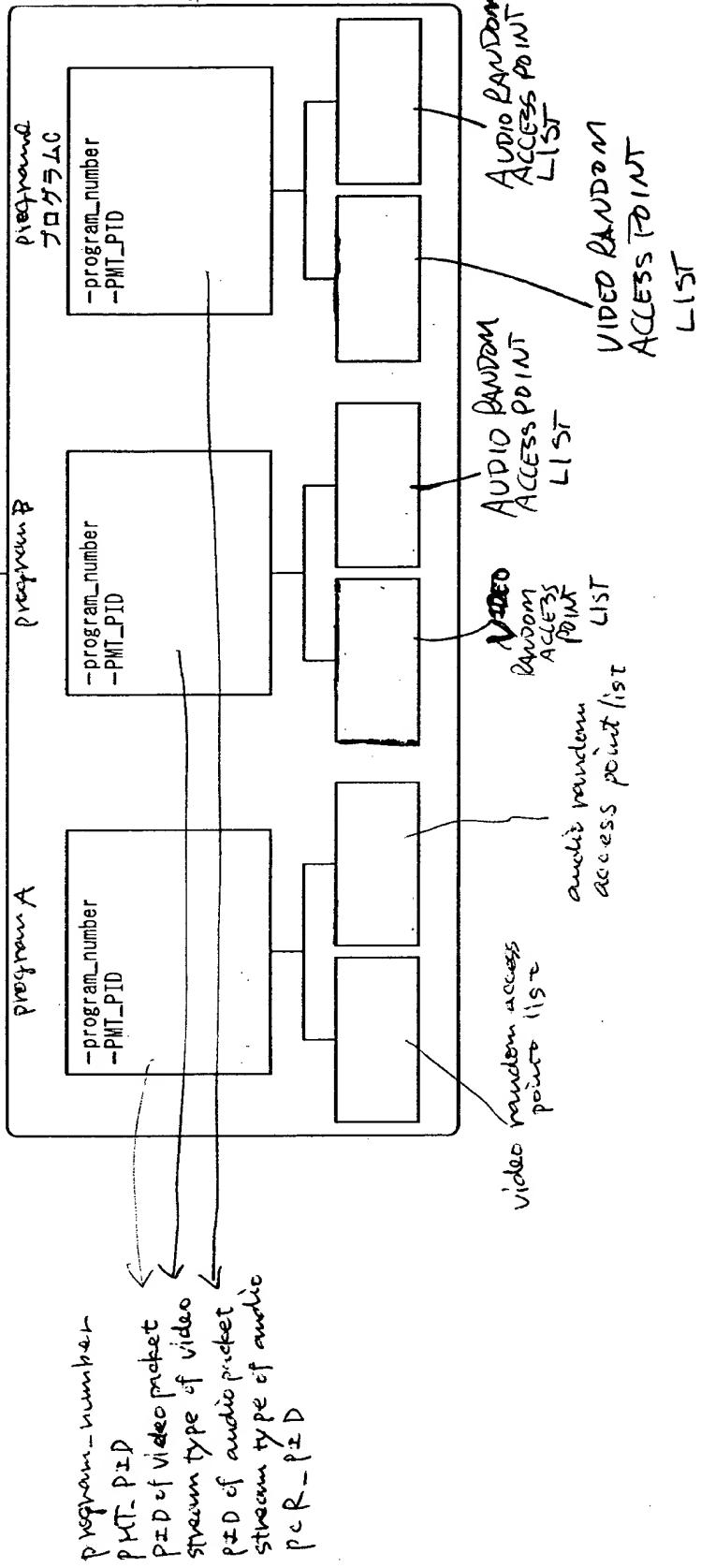
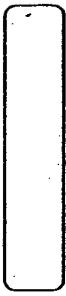


FIG. 6

Transport stream
management table file

Transport stream
management table file

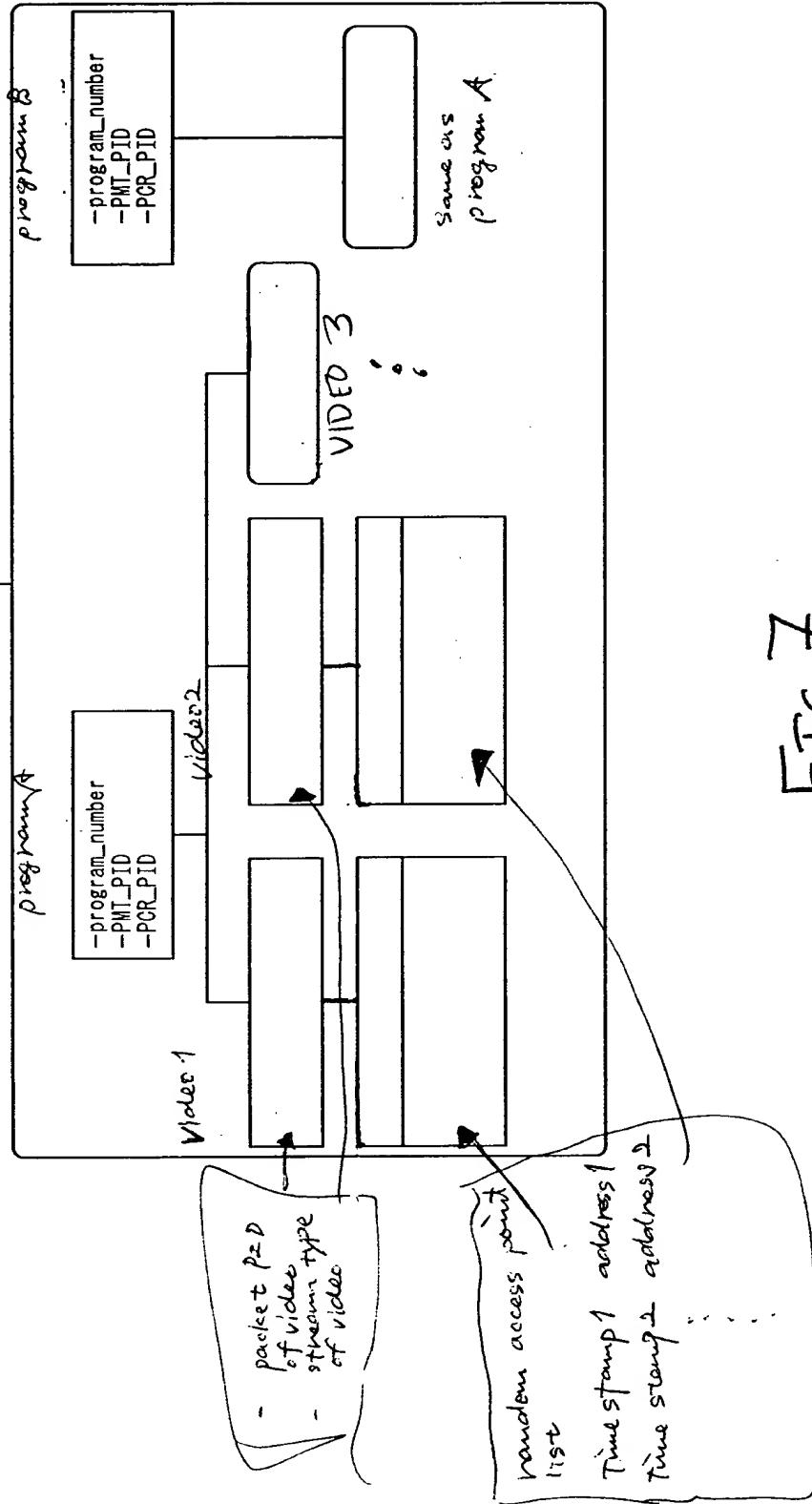


FIG. 7

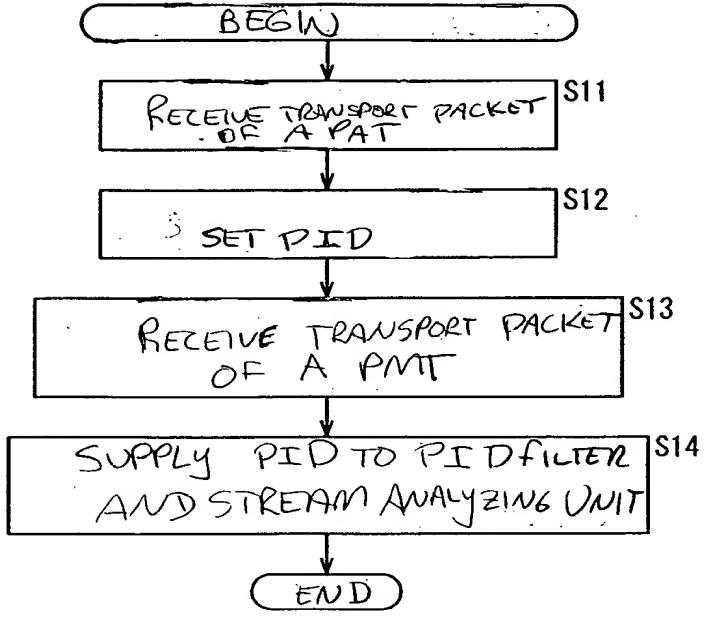


FIG. 8

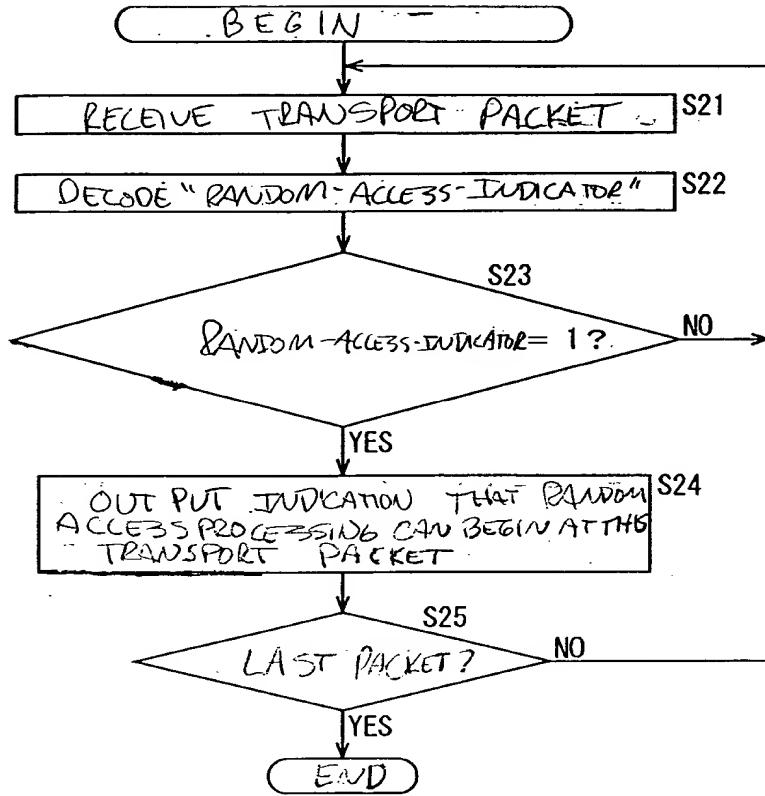


FIG. 9

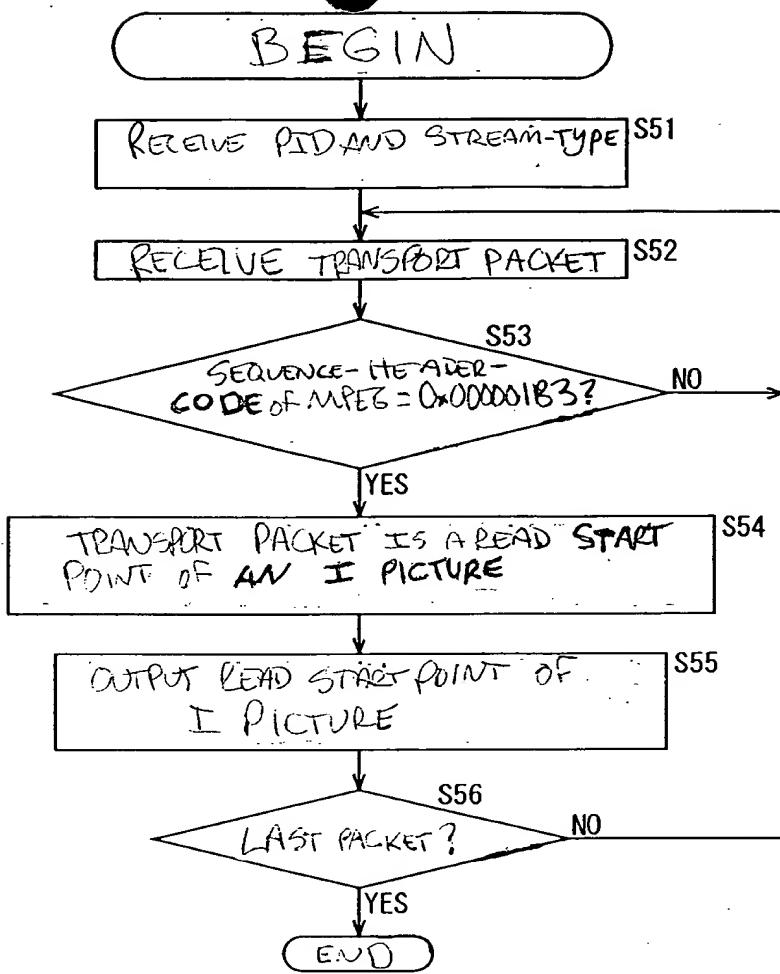


FIG. 10

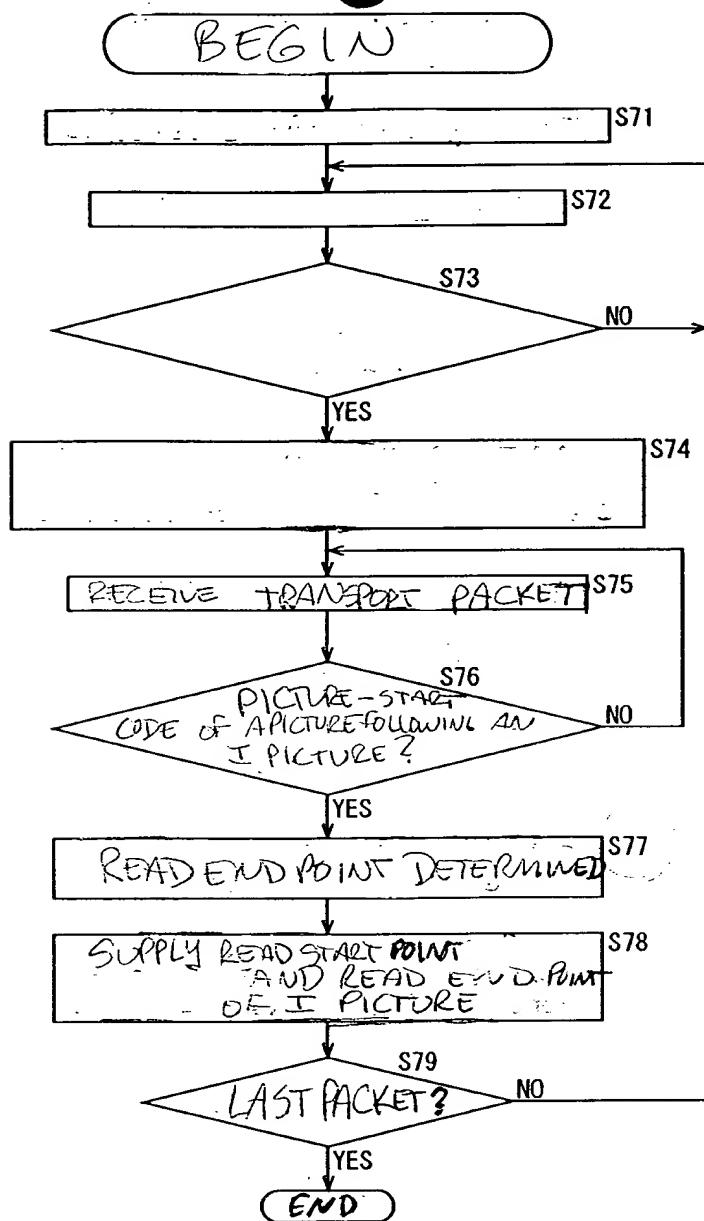


FIG. 11

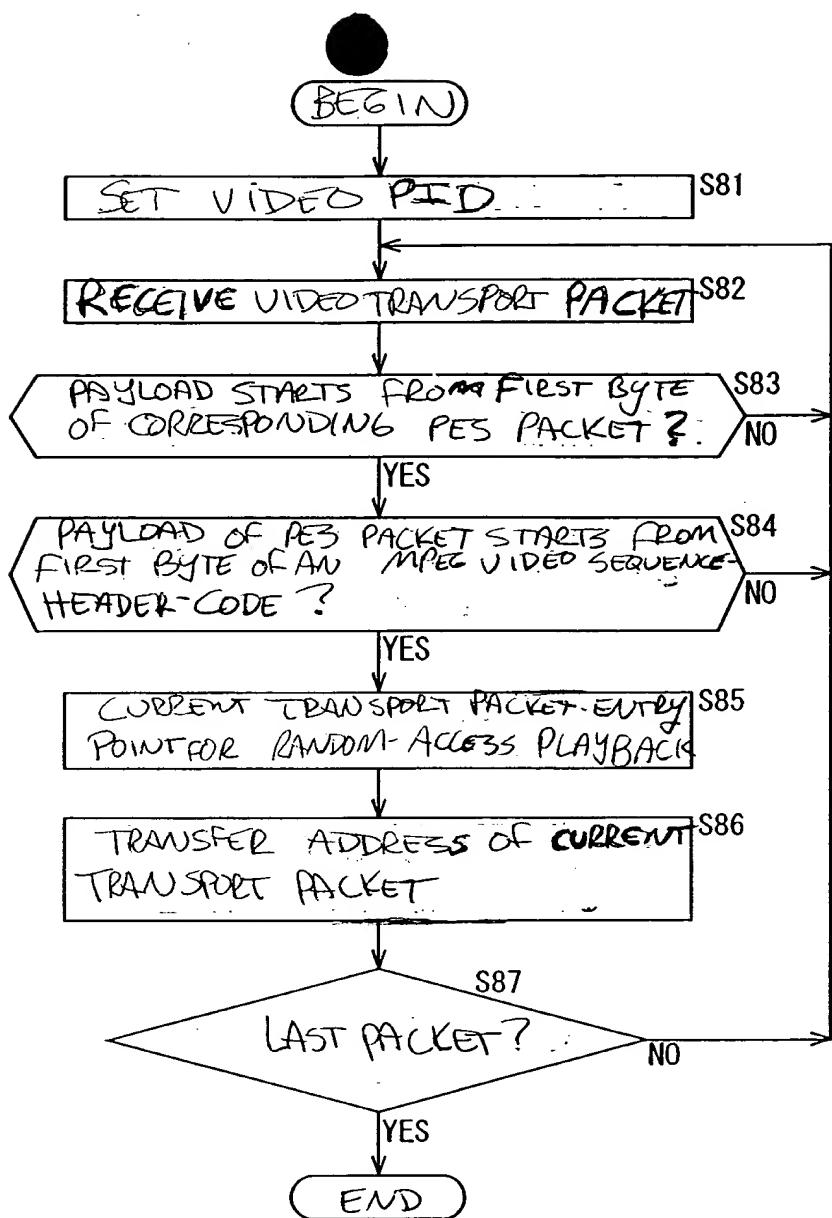


FIG. 12

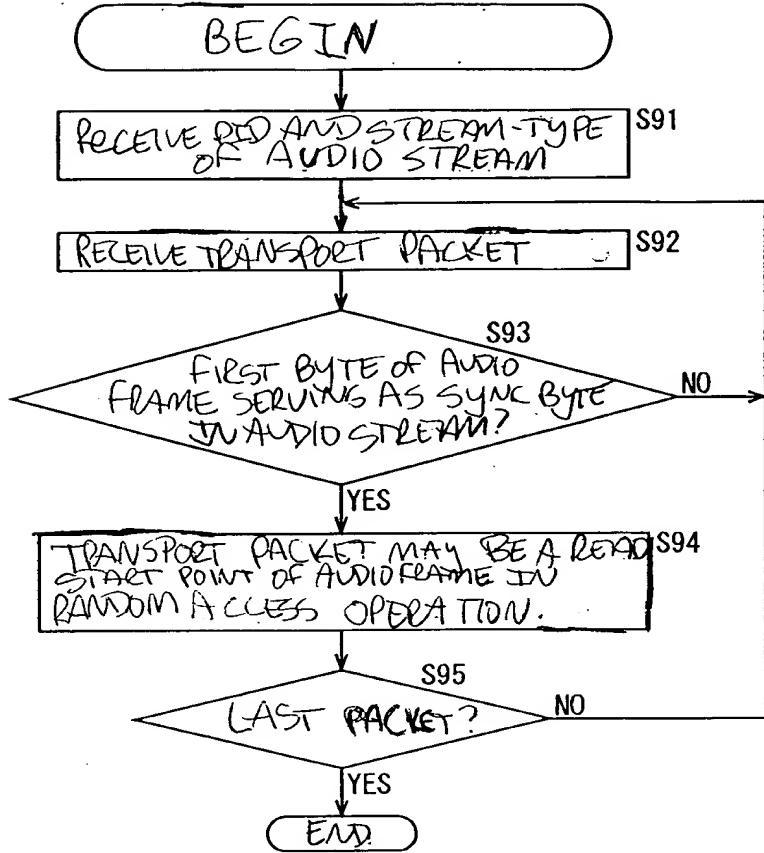


FIG. B

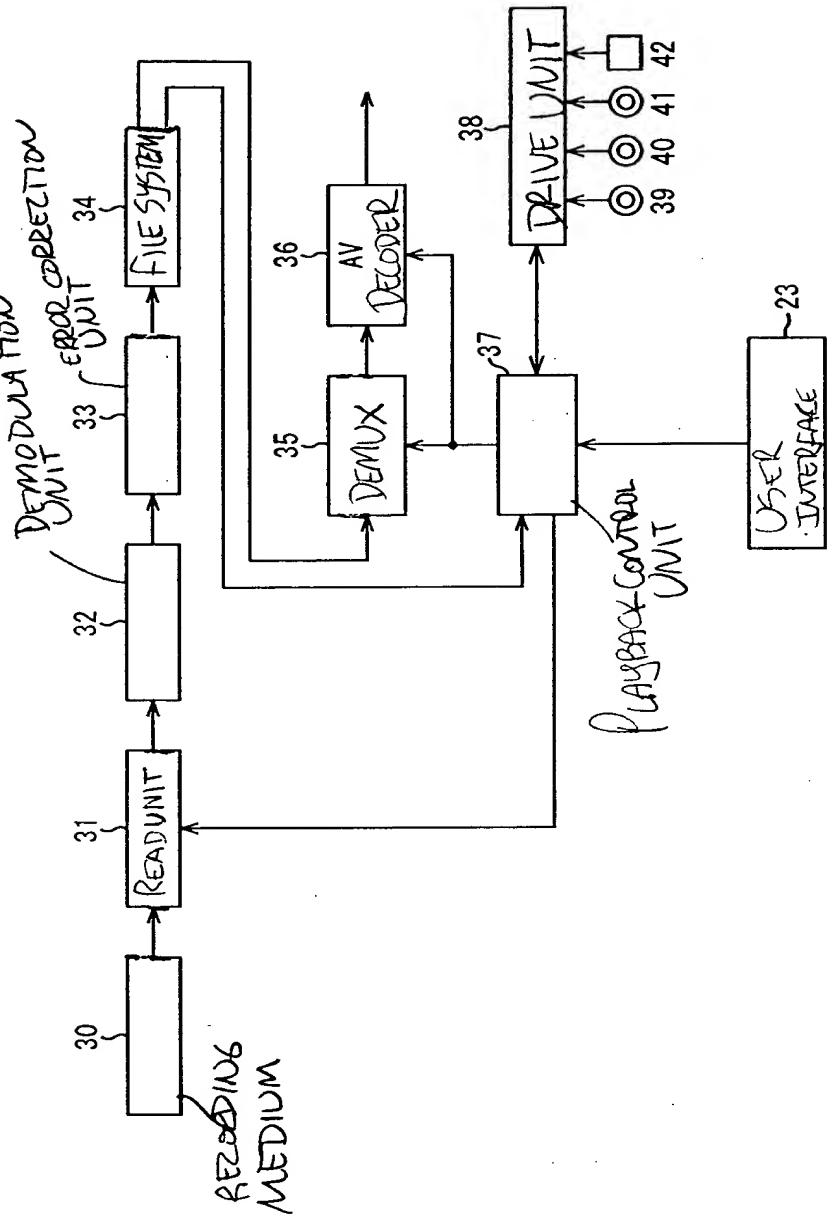


FIG. 14

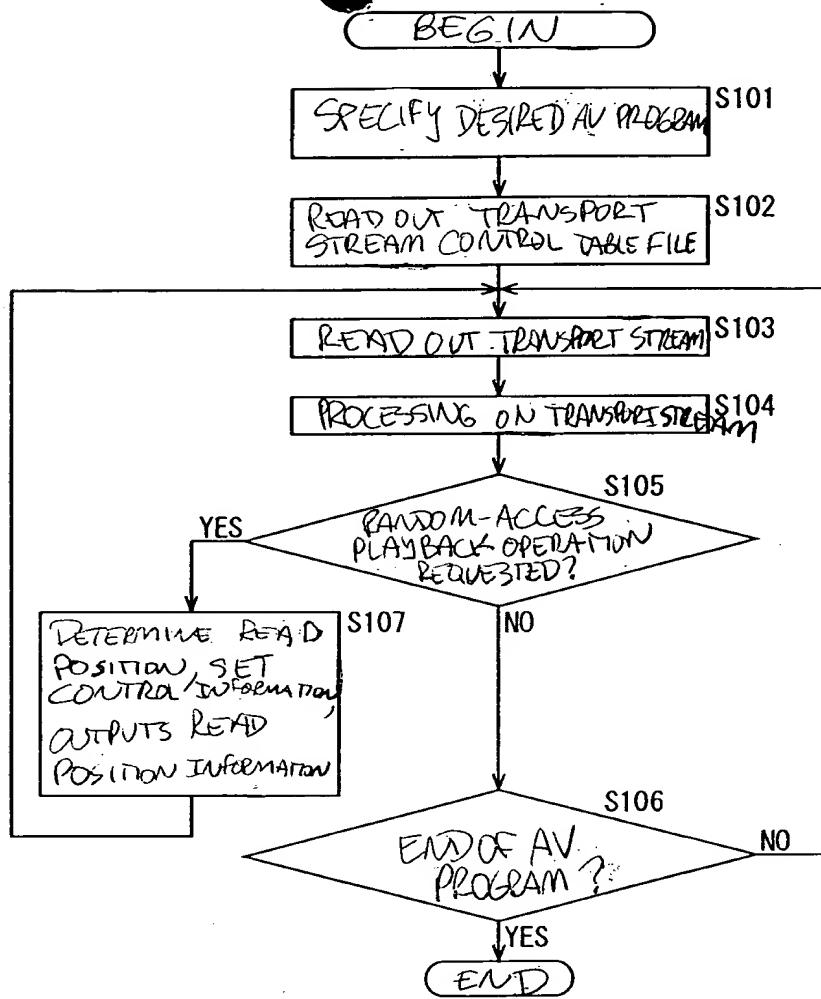


FIG. 15